

What is Claimed is:

1 1. Electric motor unit of a motor vehicle containing a wiper blade
2 carrier plate, that presents, first, a brass a insert and, second, a radiator, characterized
3 by the plate presenting a plastic over-molding that surrounds the insert and the
4 radiator.

1 2. Motor unit according to specification 1, characterized by the over-
2 molding presenting a partition which, on the plate, separates in a watertight manner, a
3 zone designed to receive the electronic card from the wiper blade zone.

1 3. Motor unit according to specification 2, characterized by
2 containing, in addition, a lid designed to close the zone that is delineated by the
3 peripheral over-molding and the partition and which receives the electronic card, the
4 edge of the over-molding defining a watertight plane for the lid.

1 4. Motor unit according to specification 3, characterized by the
2 separating partition containing the means to allow removal of condensation in the said
3 zone.

1 5. Motor unit according to one of the preceding specifications,
2 characterized by the brass insert being directly soldered to the printed circuit card and
3 to the power components.

1 6. Motor unit according to one of the preceding specifications,
2 characterized by the over-molding presenting casings designed to receive the
3 electronic card, the components of this card, and/or the components of the plate.

1 7. Motor unit according to one of the preceding specification,
2 characterized by the over-molding presenting elastic attachment leads designed to
3 work with complimentary forms that present the case.

1 8. Motor unit according to specification 7, characterized by the elastic
2 leads and the complimentary forms being started again in such a way as to limit the
3 relative position of the plate and the case.

1 9. Motor unit according to one of the preceding specifications,
2 characterized by the over-molding having the means for the passage of wires designed
3 to power the brass insert.

1 10. Motor unit according to specification 9, characterized by the over-
2 molding containing the means of allowing implantation of a connecting module
3 designed to power the insert and the electronic controls and allowing the connection
4 towards the exterior by a complimentary connector.

1 11. Electric motor unit for a motorized fan group used in the heater
2 and/or fan and/or air conditioning of a motor vehicle, characterized by being made up
3 of a motor unit according to one of the preceding specifications.

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